==
Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Keisha Douglas
Timestamp: Tue Sep 25 14:57:52 EDT 2007
==

****
Reviewer Comments:
<210>   1
<211>   31
<212>   DNA
<213>   Artificial

<220>
<223>   SQRM

<400>   1

 The above <223> response for sequence id# 1 is invalid, please correct
the remaining sequences with similar errors.
****

Validated By CRFValidator v 1.0.3

Application No: 10593578   Version No: 1.0

Input Set:

Output Set:

Started: 2007-09-25 09:56:57.594
Finished: 2007-09-25 09:56:59.530
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 936 ms
Total Warnings: 17
Total Errors: 0
No. of SeqIDs Defined: 18
Actual SeqID Count: 18

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)

SEQUENCE LISTING

<110> Alan, GEWIRTZ

<120> METHODS OF USE OF BCL-6-DERIVED NUCLEOTIDES TO INDUCE APOPTOSIS

<130> P-7782-US

<140> 10593578
<141> 2007-09-25

<160> 18

<170> PatentIn version 3.3

<210> 1
<211> 31
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 1
ctgggggcaa aggctctgct ctcacaccca g   31

<210> 2
<211> 34
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 2
ggctgagggg gcagcaggtt tgaggccctc agcc   34

<210> 3
<211> 32
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 3
gctgagggg cagcaggttt gaggccctca gc   32

<210> 4
<211> 28
<212> DNA
<213> Artificial

<220>

<223> SQRM

<400> 4
tgaggggggca gcaggtttga ggccctca   28

<210> 5
<211> 35
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 5
gcctggagga tgcaggcatt cttactgctg caggc   35

<210> 6
<211> 33
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 6
aggctcgtgg ggaaaggcgg cccagctcag cct   33

<210> 7
<211> 26
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 7
gctctcgctg ctgctgcggg gagagc   26

<210> 8
<211> 26
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 8
acctgtacaa atctggctcc gcaggt   26

<210> 9
<211> 33
<212> DNA

<210> Artificial

<220>
<223> SQRM

<400> 9
cggaggtggg ccacctgtac aaatctggct ccg   33

<210> 10
<211> 21
<212> DNA
<213> Artificial

<220>
<223> SQRM

<400> 10
aagcatcaac actccatgct t   21

<210> 11
<211> 3536
<212> DNA
<213> Homo sapiens

<400> 11
ggcccctcga gcctcgaacc ggaacctcca aatccgagac gctctgctta tgaggacctc   60

gaaatatgcc ggccagtgaa aaaatcttat ggctttgagg gcttttggtt ggccaggggc   120

agtaaaaatc tcggagagct gacaccaagt cctcccctgc cacgtagcag tggtaaagtc   180

cgaagctcaa attccgagaa ttgagctctg ttgattctta gaactggggt tcttagaagt   240

ggtgatgcaa gaagtttcta ggaaaggccg gacaccaggt tttgagcaaa attttggact   300

gtgaagcaag gcattggtga agacaaaatg gcctcgccgg ctgacagctg tatccagttc   360

acccgccatg ccagtgatgt tcttctcaac cttaatcgtc tccggagtcg agacatcttg   420

actgatgttg tcattgttgt gagccgtgag cagtttagag cccataaaac ggtcctcatg   480

gcctgcagtg gcctgttcta tagcatcttt acagaccagt tgaaatgcaa ccttagtgtg   540

atcaatctag atcctgagat caaccctgag ggattctgca tcctcctgga cttcatgtac   600

acatctcggc tcaatttgcg ggagggcaac atcatggctg tgatggccac ggctatgtac   660

ctgcagatgg agcatgttgt ggacacttgc cggaagttta ttaaggccag tgaagcagag   720

atggtttctg ccatcaagcc tcctcgtgaa gagttcctca acagccggat gctgatgccc   780

caagacatca tggcctatcg gggtcgtgag gtggtggaga acaacctgcc actgaggagc   840

gcccctgggt gtgagagcag agcctttgcc cccagcctgt acagtggcct gtccacaccg   900

```
ccagcctctt attccatgta cagccacctc cctgtcagca gcctcctctt ctccgatgag    960

gagtttcggg atgtccggat gcctgtggcc aacccctttcc ccaaggagcg ggcactccca   1020

tgtgatagtg ccaggccagt ccctggtgag tacagccggc cgactttgga ggtgtccccc   1080

aatgtgtgcc acagcaatat ctattcaccc aaggaaacaa tcccagaaga ggcacgaagt   1140

gatatgcact acagtgtggc tgagggcctc aaacctgctg cccctcagc ccgaaatgcc    1200

ccctacttcc cttgtgacaa ggccagcaaa gaagaagaga gaccctcctc ggaagatgag   1260

attgccctgc atttcgagcc cccaatgca ccctgaacc ggaagggtct ggttagtcca     1320

cagagccccc agaaatctga ctgccagccc aactcgccca cagaggcctg cagcagtaag   1380

aatgcctgca tcctccaggc ttctggctcc cctccagcca agagcccac tgaccccaaa    1440

gcctgcaact ggaagaaata caagttcatc gtgctcaaca gcctcaacca gaatgccaaa   1500

ccaggggggc ctgagcaggc tgagctgggc cgcctttccc cacgagccta cacggcccca   1560

cctgcctgcc agccacccat ggagcctgag aaccttgacc tccagtcccc aaccaagctg   1620

agtgccagcg gggaggactc caccatccca caagccagcc ggctcaataa catcgttaac   1680

aggtccatga cgggctctcc ccgcagcagc agcgagagcc actcaccact ctacatgcac   1740

cccccgaagt gcacgtcctg cggctctcag tccccacagc atgcagagat gtgcctccac   1800

accgctggcc ccacgttcgc tgaggagatg ggagagaccc agtctgagta ctcagattct   1860

agctgtgaga acgggggcctt cttctgcaat gagtgtgact gccgcttctc tgaggaggcc   1920

tcactcaaga ggcacacgct gcagaccac agtgacaaac cctacaagtg tgaccgctgc    1980

caggcctcct tccgctacaa gggcaacctc gccagccaca agaccgtcca taccggtgag   2040

aaaccctatc gttgcaacat ctgtggggcc cagttcaacc ggccagccaa cctgaaaacc   2100

cacactcgaa ttcactctgg agagaagccc tacaaatgcg aaacctgcgg agccagattt   2160

gtacaggtgg cccacctccg tgcccatgtg cttatccaca ctggtgagaa gccctatccc   2220

tgtgaaatct gtggcacccg tttccggcac cttcagactc tgaagagcca cctgcgaatc   2280

cacacaggag agaaacctta ccattgtgag aagtgtaacc tgcatttccg tcacaaaagc   2340

cagctgcgac ttcacttgcg ccagaagcat ggcgccatca ccaacaccaa ggtgcaatac   2400

cgcgtgtcag ccactgacct gcctccggag ctccccaaag cctgctgaag catggagtgt   2460

tgatgctttc gtctccagcc ccttctcaga atctacccaa aggatactgt aacactttac   2520

aatgttcatc ccatgatgta gtgcctcttt catccactag tgcaaatcat agctgggggt   2580

tggggtggt ggggtcggg gcctggggga ctgggagccg cagcagctcc ccctccccca    2640
```

ctgccataaa acattaagaa aatcatattg cttcttctcc tatgtgtaag gtgaaccatg   2700

tcagcaaaaa gcaaaatcat tttatatgtc aaagcagggg agtatgcaaa agttctgact   2760

tgactttagt ctgcaaaatg aggaatgtat atgttttgtg ggaacagatg tttcttttgt   2820

atgtaaatgt gcattctttt aaaagacaag acttcagtat gttgtcaaag agagggcttt   2880

aatttttttta accaaaggtg aaggaatata tggcagagtt gtaaatatat aaatatatat   2940

atatataaaa taaatatata taaacctaac aaagatatat taaaaatata aaactgcgtt   3000

aaaggctcga ttttgtatct gcaggcagac acggatctga gaatctttat tgagaaagag   3060

cacttaagag aatattttaa gtattgcatc tgtataagta agaaaatatt ttgtctaaaa   3120

tgcctcagtg tatttgtatt tttttgcaag tgaaggttta caatttacaa agtgtgtatt   3180

aaaaaaaacc caaagaaccc aaaaatctgc agaaggaaaa atgtgtaatt ttgttctagt   3240

tttcagtttg tatatacccg tacaacgtgt cctcacggtg cctttttttca cggaagtttt   3300

caatgatggg cgagcgtgca ccatcccttt ttgaagtgta ggcagacaca gggacttgaa   3360

gttgttacta actaaactct ctttgggaat gtttgtctca tcccattctg cgtcatgctt   3420

gtgtgataac tactccggag acagggtttg gctgtgtcta aactgcatta ccgcgttgta   3480

aaaaatagct gtaccaatat aagaataaaa tgttggaaag tcgcaaaaaa aaaaaa   3536

<210> 12
<211> 20
<212> DNA
<213> Artificial

<220>
<223> primer

<400> 12
ccaaccaagc tgagtgccag   20

<210> 13
<211> 22
<212> DNA
<213> Artificial

<220>
<223> primer

<400> 13
ggtgcatgta gagtggtgag tg   22

<210> 14

```
<211> 24
<212>  DNA
<213>  Artificial

<220>
<223>  probe

<400>  14
ctccaccatc ccacaagcca gccg                                          24


<210>  15
<211>  24
<212>  DNA
<213>  Artificial

<220>
<223>  primer

<400>  15
ggacatctaa gggcatcaca gacc                                          24


<210>  16
<211>  23
<212>  DNA
<213>  Artificial

<220>
<223>  primer

<400>  16
tgactcaaca cgggaaacct cac                                           23


<210>  17
<211>  26
<212>  DNA
<213>  Artificial

<220>
<223>  probe

<400>  17
tggctgaacg ccacttgtcc ctctaa                                        26


<210>  18
<211>  30
<212>  DNA
<213>  Artificial

<220>
<223>  SQRM

<400>  33
tgtctggttg caaagcctgg cataaagaca                                    30
```